INTERNATIONAL SEARCH REPORT

International application No.

CV + COURTS - THE		PCT/JP2005/019749
A. CLASSIFICATION OF SUBJECT MATTER H05K3/34(2006.01), H23K35/363(2006.01)		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by c H05K3/34 (2006.01), H23K35/363 (2006.01)	classification symbols)	
Kokai Jitsuyo Shinan Koho 1971-2005 T	itsuyo Shinan To: broku Jitsuyo Shi	roku Koho 1996-2005 inan Koho 1994-2005
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category* Citation of document, with indication, where a	ppropriate, of the relevant	passages Relevant to claim No.
Industrial Co., Ltd.), 30 September, 2004 (30.09.04 Par. Nos. [0022], [0023], [0 Figs. 1 to 3 (Family: none)	Industrial Co., Ltd.), 30 September, 2004 (30.09.04), Par. Nos. [0022], [0023], [0027]; Figs. 1 to 3 (Family: none)	
Y JP 2002-314241 A (Hitachi, I 25 October, 2002 (25.10.02), Par. Nos. [0023], [0024]; Fig & US 2004/177997 A1 16 September, 2004 (16.09.04 & WO 2002/087297 A1 31 October, 2002 (31.10.02)	g. 2	1-6
Further documents are listed in the continuation of Box C. See patent family annex.		
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family	
Date of the actual completion of the international search 15 November, 2005 (15.11.05)	Date of mailing of the i	nternational search report
Name and mailing address of the ISA/	29 November, 2005 (29.11.05) Authorized officer	
Japanese Patent Office	- I was a control	
Facsimile No. Telephone No. Form PCT/ISA/210 (second sheet) (April 2005)		